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TITLE

CATALOG OF THE DIPTERA
OF THE
COEUR D'ALENE LABORATORY COLLECTION

by

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SUBJECT--

INDEX NO. 1

CATALOG OF THE DIPTERA
OF THE
COEUR D'ALENE LABORATORY COLLECTION

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DIPTERA, WITH HOPKINS U. S. NUMBER, HOST AND LOCALITY
AS CONTAINED IN THE COEUR D'ALENE LABORATORY INSECT COLLECTION
ARRANGED ALPHABETICALLY ACCORDING TO FAMILIES

Hopk.	U.S. No.	Family	Genera - species	Host	Locality
21847		Bibionidae	Biblio nervosus Lw.	Driftwood; host unknown	Coeur d'Alene, Idaho
New Haven, Conn., Lab.		Bombyliidae	Anthrax morio (L.)	Platycampus lari- civorus, Platy- campus lariois larvae.	Granite, Idaho
17204	o	"	Anthrax sinuosa Wd.	LFP sawfly, Neodi- prion sp. larvae	Cascade, Idaho
20033		Cecidomyiidae	Cecidomyiidae sp.	Reared from PP bark; infested by Ips oregoni	Coeur d'Alene, Idaho
16315		"	" "	Bark from <u>D.m.</u> in- fested WP	Coeur d'Alene, Idaho
19731		"	Retinodiplosis inopsis (O.S.)	PP twigs	Coeur d'Alene, Idaho ? Priest River, Idaho
21927 21928		"	Retinodiplosis near inopsis	PP twigs	Coeur d'Alene, Idaho
21343		"	Winnertsia sp.	Reared from DF attacked by the DF bark beetle	Meteline Falls, Wash.
20247		Ceratopogonidae	Forcipomyia aurea Mall.	Reared from DF bark; attacked by DF bark; beetle	Meteline Falls, Washington
20043		"	" pergandei var concolor Mall.	PP infested by Ips oregoni	Coeur d'Alene, Idaho

Hopk.	U.S. No.	Family	Genera - species	Host	Locality
21353	21354	Ceratopogonidae	Forcipomyia simulata	DF infested by DF	Metaline Falls,
			Walley	bark beetle	Washington
18617		"	" squamipes	LPP attacked by D.	Sula, Montana
			Coq.	monticola	
20036		Chironomidae	Chironomus sp.	On outer bark sur- face of PP attacked by Ips oregoni	Coeur d'Alene, Idaho
20034		"	Orthocladus sp.	Reared from PP bark containing broods of Ips oregoni	Coeur d'Alene, Idaho
20032	20045	Dexiidae	Arctophyto gilletti	Reared from PP con- Tns. taining developing broods of Ips oregoni	Coeur d'Alene, Idaho
20234	17246 a	Dolichopodidae	Medeterus aldrichi	Mountain pine beetle in WP	Metaline Falls, Washington
			Wheeler		Coeur d'Alene, Idaho
17263-2	17266	"	" " "	Mountain pine beetle in LPP	Sula, Montana
16329 c		"	" " "	Western pine beetle in PP	Coeur d'Alene, Idaho
20234		"	" " "	DF beetle in DF	Metaline Falls, Washington
20019		"	" " "	Ips oregoni larvae in PP	Coeur d'Alene, Idaho

Hopk.	U.S. No.	Family	Genera - species	Host	Locality
17261	:	Epididae	Tachypeza corticalis Mel.	Collected from green and D.m. attacked LPP; not predacious	Sula, Montana
21304	:	"	" fenestrata Say	Reared from DF bark infested by the DF bark beetle	Metalline Falls, Washington
20215	:	Lonchaeidae	Lonchaea corticis Taylor	Important predator of the DF bark beetle	Metalline Falls, Washington
20288	:	"	" hirticeps Ald.	Collected from PP bark with over- wintering Ips oregoni broods	Coeur d'Alene, Idaho
17249 c	:	"	" viridana Meigen	Collected from D.m. egg galleries in LPP	Sula, Montana
21454 19738	:	Muscidae	Phaonia pudoa Hall	Under WP bark on trees infested by D.M.	Metalline Falls, Washington Coeur d'Alene, Idaho
19790-2	:	"	Phaonia n. sp.	Under WP bark on trees infested by D.m.	Coeur d'Alene, Idaho
20023	:	Ortalidae	Enxesta notata Wd.	Collected on outer bark surface of Ips oregoni attacked PP	Coeur d'Alene, Idaho
20014 20015	:	Pallopteridae	Palloptera terminalis Lw.	Reared from PP bark containing develop- ing Ips oregoni broods	Coeur d'Alene, Idaho

Hopk.	U.S. No.	Family	Genera - species	Host	Locality
21444		Phoridae	Megaselia minor (Zett)	Reared from DF bark: infested with broods: of <u>D. pseudotsugae</u>	Metalline Falls, Washington
21426		"	" sp. near minor	Reared from DF bark: infested with broods: of <u>D. pseudotsugae</u>	Metalline Falls, Washington
19882		Psilidae	Chyliza scrobiculata Mal.	Collected from out- er bark of green WP	Metalline Falls, Washington
17294 19799		Psychodidae	Psychodidae sp.	Believed to be not predacious; collect- ed from <u>D.m.</u> attack- ed LPP	Sula, Montana
22015		Rhagionidae	Symphoromyia sp.	Bite annoying to human beings	Coeur d'Alene, Idaho
20214		"	Xylophagus abdomi- nalis Lw.	Collected from newly attacked DF by DF beetle	Metalline Falls, Washington
19730-2 19788		"	" " "	Collected from <u>D.m.</u> attacked LPP	Sula, Montana
19730-5		"	" " "	Collected from <u>D.m.</u> attacked PP	Sula, Montana
19778		Sarcophagidae	Agria affinis	DF tussock moth larvae	
20005		Scatopsidae	Reichertella femoral- is Meig.	Reared from PP bark: containing broods of: Ips oregoni	Coeur d'Alene, Idaho

Hopk.	U.S. No.	Family	Genera - species	Host	Locality
20293		Scenopinidae	Pseudatrachia flaviceps Coq.	Adults reared from PP bark containing broods of Ips oregoni	Coeur d'Alene, Idaho
19997		Sciaridae	Sciaria sp.	Reared from PP bark containing broods of Ips oregoni	Coeur d'Alene, Idaho
20223		"	" "	Reared from DF bark containing broods of DF beetle	Metaline Falls, Washington
20220		"	" "	Reared from DF bark containing broods of DF beetle	Metaline Falls, Washington
21576		"	" "	From stored WP cones, seed extrac- tion plant	Priest River, Idaho
20229		"	" "	Reared from DF attacked by the DF bark beetle	Metaline Falls, Washington
17293		"	" "	LFP attacked by <u>D. monticolae</u>	Sula, Montana
19831		Stratiomyidae	Zabrachia polita Coq.	Collected from WP infested by the mountain pine beetle	Metaline Falls, Washington
20291		"	" near polita	Reared from PP bark containing broods of Ips oregoni	Coeur d'Alene, Idaho
20047		Syrphidae	Xylota pigra Fab.	Reared from PP bark infested by Ips oregoni	Coeur d'Alene, Idaho

Hopk. U.S. No.:	Family	Genera - species	Host	Locality
18685	Tachinidae	<i>Actia pilipennis</i> Fall.	Spruce budworm var. in LPP	Y.N.P., Wyo.
20126	"	<i>Bessa selecta</i> Mg.	Larch sawfly (<i>Larix occidentalis</i>) L. erichsonii larvae	Kalispell, Montana
New Haven, Conn., Lab., no number	"	" " "	Larch sawfly (<i>Larix occidentalis</i>) <i>Platycampus laricivorus</i> , <i>Platycampus laricis</i> larvae	Granite, Idaho
20280	"	<i>Ceromasia auri caudata</i> Tns.	Parasite of spruce budworm (pupae)	Wapiti, Wyo.
22029	"	<i>Ernestia ampelus</i> Walk.	Spotless webworm (<i>Hyphantria textor</i>) larvae	Hope, Idaho
16863 a	"	<i>Frontina tenthredinidarius</i> Town.	Adults collected from outer bark surface of green PP	New Meadows, Idaho
18687	"	<i>Madremyia saundersii</i> Mall.	Reared from spruce budworm pupae	Y.N.P., Wyo.
21954	"	" " "	Reared from DF tussock moth larvae	Hailey, Idaho
18684	"	<i>Nemorilla floralis</i> (Fall)	Parasite of spruce budworm	Y.N.P., Wyo.
22005	"	<i>Phrynolydella</i> sp.	A primary parasite of <i>Ellopiia</i> f. lugubrosa pupae	Coeur d'Alene, Idaho. 1938-1939.

Hopk.	U.S. No.	Family	Genera - species	Host	Locality
21953		Tachinidae	Plectops sp.	Parasite of PP needle tyer larvae, Hopk. U.S. 21951	Coeur d'Alene, Idaho
17204 b		"	Tachinid sp.	Parasite of LPP sawfly (Neodiprion sp.)	Cascade, Idaho
2 dif. species under this number 20280		"	Zenillia caesar Ald.	Parasite of the spruce budworm (pupae)	Wapiti, Wyo.
17265		Tipulidae	Gnophomyia tristis-	Collected from <u>D.M.</u>	Sula, Montana
17288			sima (O.S.)	attacked LPP	
19736					
		Families unknown			
17511			Anachaetopsis	Parasite of Pitch	Pactola, S.D.
No C.D'A. number			tortricis Coq.	moth Ryaconia	
Reared at New Haven, Conn., Lab. No. C.D'A. lab. no.			Compsilura concinata Meig.	Liberated at Hailey, Idaho, to parasitize DF tussock moth larvae	Hailey, Idaho

PARASITES OF THE HEMLOCK LOOPER

Hopk.	U.S. No.	Family	Genera - species	Stage of host E L F A	Locality
22005		Tachinidae	Phrynolydella sp.	I	Coeur d'Alene, Idaho 1938-1939

DIPTERA

PARASITES OF HUMEROGAMPA PSEUDOTSUGATA

Hopk.				Stage of host	
U.S. No.	Family	Genus - species	E L P A	Locality	
19778-1	Sarcophagidae	Agria affinis Fall.	? from puparium X under tree	Northport, Washington	
21954	"	Madremyia saundersii Will.	X	Hailey, Idaho	

DIPTERA

PARASITES OF THE LARCH SAWFLIES

PLATYCAMPUS LARICIVORUS AND LARICIS

Hopk.	:	:	:	Stage of host	:
U.S. No.:	Family	Genera - species	E L P A	Locality	
Reared at :	Bombyliidae	Anthrax morio (L.)	X	Granite,	
New Haven, :				Idaho	
Conn., Lab. :					
:					
Reared at :	Tachinidae	Bessa selecta Mg.	I	Granite,	
New Haven, :				Idaho	
Conn., Lab. :					
:					
:					

DIPTERA

PARASITES OF THE LARCH SAWFLY

LYGAEONEMATUS ERICHSONII

Hopk.					
U.S. No.	Family	Genera - species	Stage of host	E L P A	Locality
20126	Tachinidae	Bessa selecta Mg.	X		Kalispell, Montana

PARASITES OF THE LODGEPOLE PINE SAWFLY

Hopk.	U.S. No.	Family	Genera - species	Stage of host	Locality
17204 c		Bombyliidae	Anthrax sinuosa Wd.	X	Cascade, Idaho

DIPTERA

PARASITES OF THE PONDEROSA PINE NEEDLE TYER

(EUCORDYLEA SP.)

Hopk.	:	:	:	Stage of host	:
U.B. No.:	Family	:	Genera - species	E L P A	Locality
21953	Tachinidae	:	Plectops sp.	X	Coeur d'Alene,
:	:	:	:	:	Idaho
:	:	:	:	:	:
:	:	:	:	:	:

DIPTERA

PARASITES AND ASSOCIATES, DOUGLAS FIR BEETLE

DENDROCTONUS PSEUDOTSUGAE HOPK.

Hopk.	U.S. No.	Family	Genera - species	Stage of host E L P A	Locality
20234	:	Dolichopodidae	Medeterus aldrichii Wh.	Parasitic	Meteline Falls, Washington
20215	:	Lonchaeidae	Lonchaea corticis Taylor	"	Meteline Falls, Washington
20214	:	Rhagionidae	Xylophagus abdominalis Loew.	"	Meteline Falls, Washington
21343	:	Cecidomyiidae	Winnertzia sp.	In association	Meteline Falls, Washington
20247	:	Ceratopogonidae	Forcipomyia aurea Mall.	" "	Meteline Falls, Washington
21353	:	"	" simulata	" "	Meteline Falls,
21354	:		Walley		Washington
21304	:	Empididae	Tachypeza fenestrata Say	" "	Meteline Falls, Washington
21444	:	Phoridae	Megaselia minor (Zett.)	" "	Meteline Falls, Washington
21426	:	"	" sp. near minor	" "	Meteline Falls, Washington

Hopk.	:	:	:	:
U.S. No.	Family	Genera - species	Stage of host	Locality
			E L P A	
20229	Sciaridae	Sciara sp.	In association:	Metaline Falls,
20223				Washington
20220				

DIPTERA
PARASITES AND ASSOCIATES
IPS OREGONI RICHH.

Hopk.	:	:	:	:	:
U.S. No.	Family	Genera - species	Stage of host	E L P A	Locality
20019	Dolichopodidae	Medeterus aldrichi Wheeler	X		Coeur d'Alene, Idaho
20258	Lonchaeidae	Lonchaea hirticeps Ald.	X		Coeur d'Alene, Idaho
20033	Cecidomyiidae	Cecidomyiidae sp.	In association:		Coeur d'Alene, Idaho
20034	Chironomidae	Orthocladus sp.	" "		Coeur d'Alene, Idaho
20023	Ortaliidae	Muxesta notata Wd.	" "		Coeur d'Alene, Idaho
20014 20015	Pallopteridae	Palloptera terminalis Lw.	" "		Coeur d'Alene, Idaho
20293	Scenopinidae	Pseudotrichia flaviceps Coq.	" "		Coeur d'Alene, Idaho
20291	Stratiomyidae	Zabrachia sp. near polita	" "		Coeur d'Alene, Idaho
20047	Syrphidae	Xylota pigra Fab.	" "		Coeur d'Alene, Idaho

DIPTERA

PARASITES AND ASSOCIATES, MOUNTAIN PINE BEETLE

DENDROCTOMUS MONTICOLAE HOPK.

Hopk.				Stage of host	
U.S. No.	Family	Genera - species	E L P A	Locality	
17263-2	Dolichopodidae	Nedeterus aldrichi Wh.	Parasitic	Sula, Montana	
20234				Meteline Falls,	
17246 a				Washington	
				Coeur d'Alene,	
				Idaho	
17249 c	Lonchaeidae	Lonchaea viridana Meigen	"	Sula, Montana	
19738	Muscidae	Phaonia pudor Hall.	"	Coeur d'Alene,	
21454				Idaho	
				Meteline Falls,	
				Washington	
19730-2	Rhagionidae	Xylophagus abdominalis	"	Sula, Montana	
19730-5					
19788					
16315	Cecidomyiidae	Cecidomyiidae sp.	In association	Coeur d'Alene,	
				Idaho	
18617	Ceratopogonidae	Forcipomyia squamipes Coq.	" "	Sula, Montana	
17261	Empididae	Tachypera corticalis Mel.	" "	Sula, Montana	
17294	Psychodidae	Psychodidae sp.	" "	Sula, Montana	
19799					

Hopk.					
U.S. No.	Family	Genera - species	Stage of host	E L P A	Locality
	Sciaridae	Sciarid sp.	In association		Sula, Montana
17265	Tipulidae	Gnophomyia tristissima	" "		Sula, Montana
17288		(O.S.)			
19736					

DIPTERA

PARASITES OF THE SPOTLESS WEBWORM

HYPHANTRIA TEXTOR

Hopk.	:	:	:	:	:
U.S. No.:	Family	:	Genera -- species	:	Stage of host
		:		:	E L P A
		:		:	Locality
22029	Tachinidae	:	Ernestia ampelus Walk.	:	X
		:		:	Hope, Idaho
		:		:	
		:		:	

DIPTERA
PARASITES OF THE SPRUCE BUDWORM

CACORCIA FUMIFERANA

Hopk. U.S. No.	Family	Genera - species	Stage of host				Locality
			E	L	P	A	
18685	Tachinidae	Actia pilipennis Fall			X	?	T.N.P., Wyo.
20280	"	Ceromasia auri caudata Tns.			X		Wapiti, Wyo.
18687	"	Madremyia saundersii Will.			X		T.N.P., Wyo.
20279	"	" " "			X		Wapiti, Wyo.
18684	"	Nemorilla floralis Fall.			X		T.N.P., Wyo.
20280	"	Zenillia caesar Ald.			X		Wapiti, Wyo.

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IN
COEUR D'ALENE LABORATORY COLLECTION

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